Fig.1

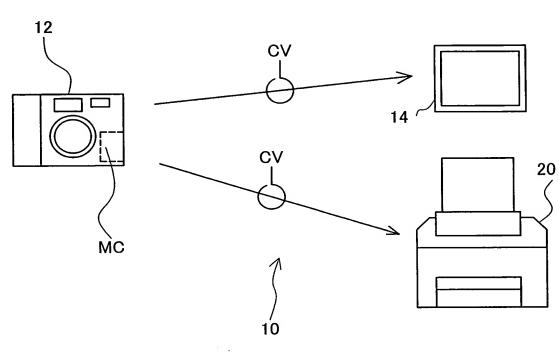


Fig.2

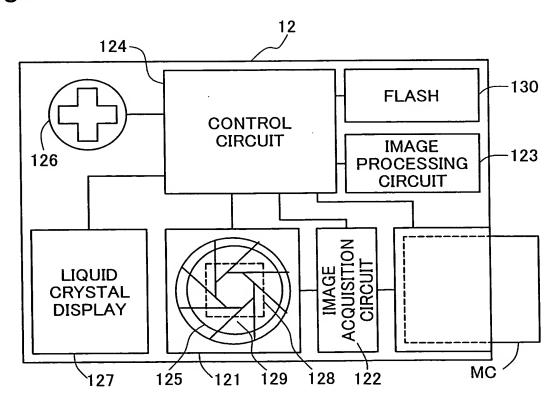


Fig.3

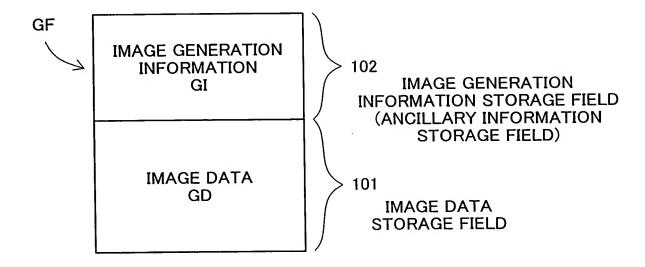


Fig.4

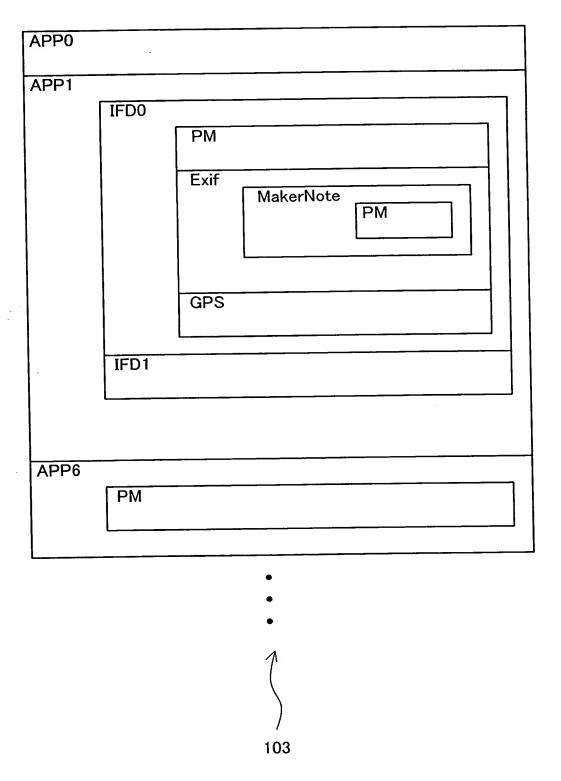


Fig.5

Tag name	Parameter value
Light source	clear sky
Flash	<ul><li>auto flash mode</li><li>flash on</li><li>reflected light sensor present</li><li>reflected light sensed</li></ul>
Subject distance	1 (m)
Subject area	•center coordinates (640, 512) •width (324) •height (375)
Flash intensity	1000 (BCPS)
Aperture value	F8
ISO speed rate	100

•

Fig.6

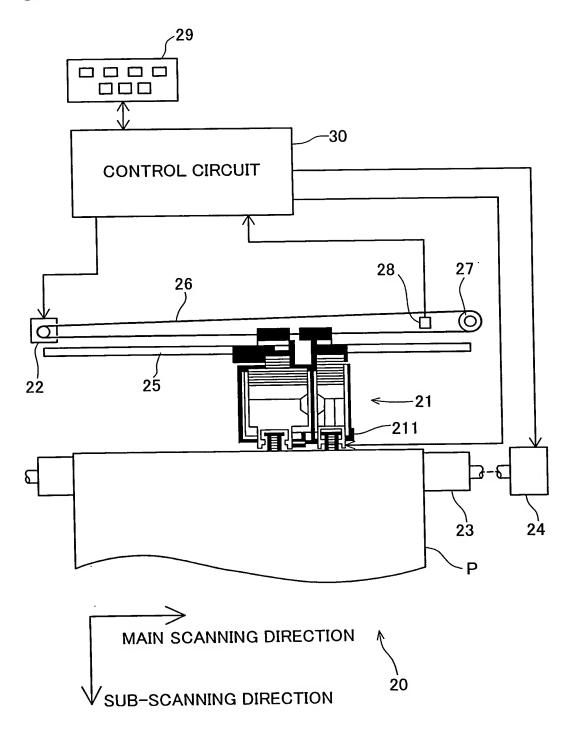


Fig.7

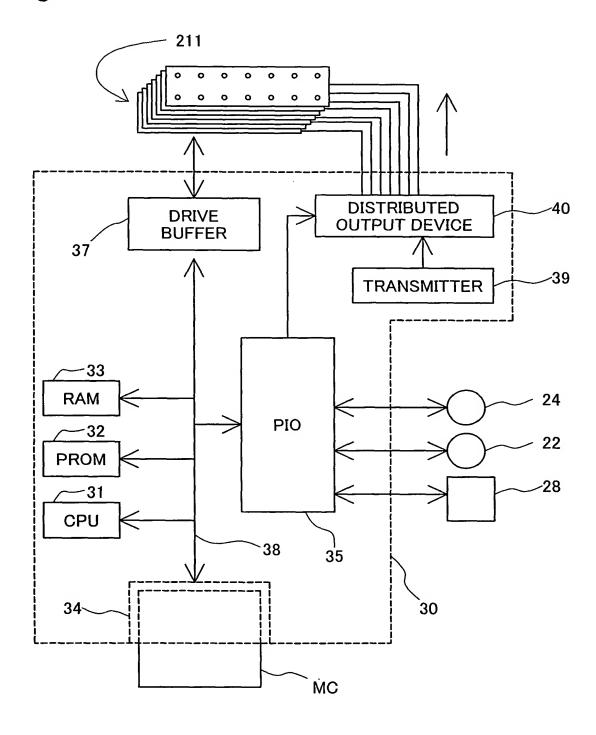
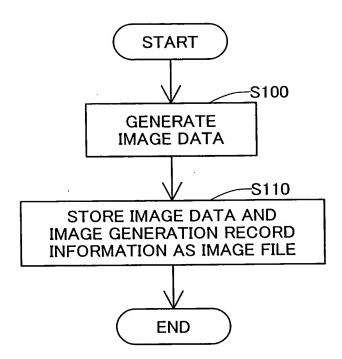


Fig.8



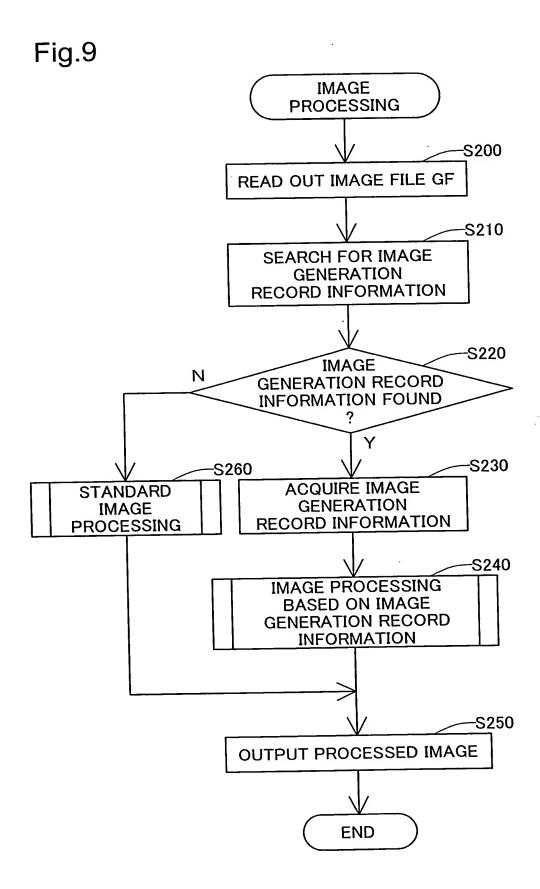


Fig.10

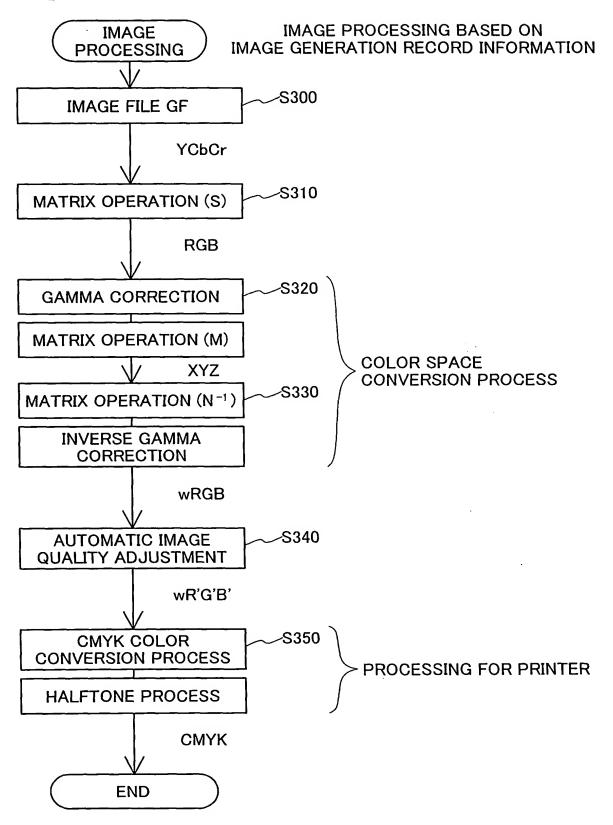


Fig.11

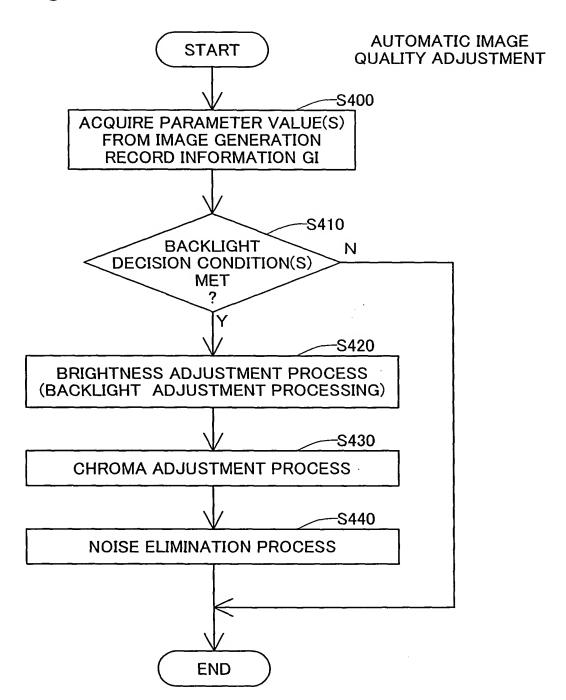


Fig.12(a)

IMG12

SAC

SAC

H

Fig.12(b)

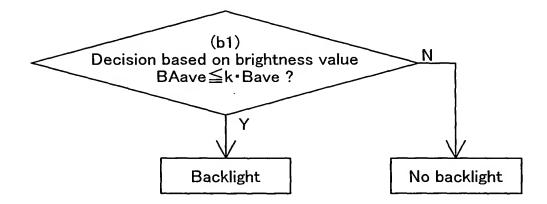


Fig.13(a)

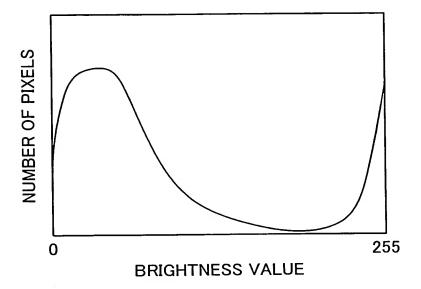


Fig.13(b)

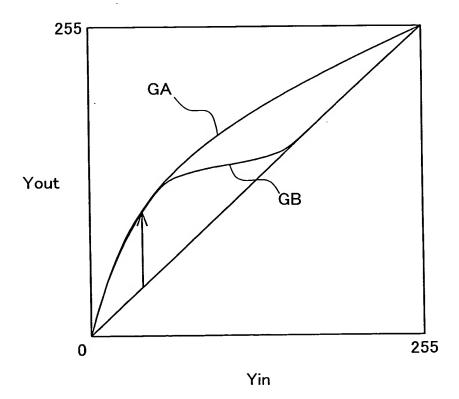


Fig.14(a)

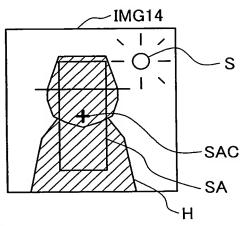


Fig.14(b)

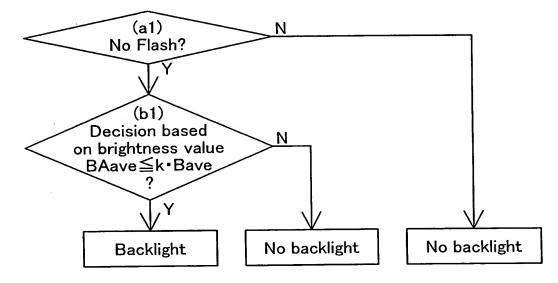


Fig.15(a)

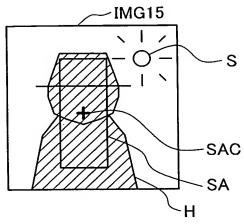


Fig.15(b)

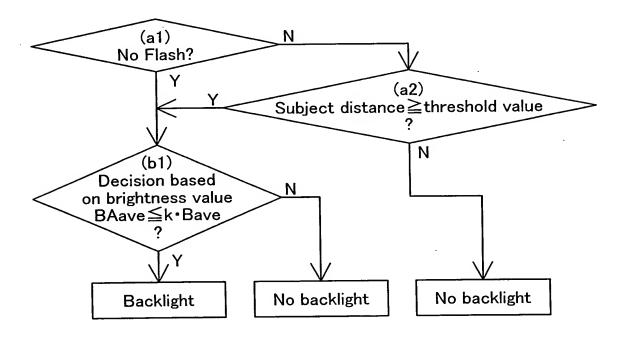


Fig.16(a)

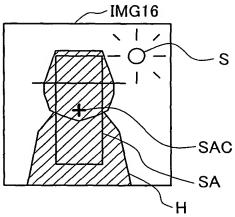
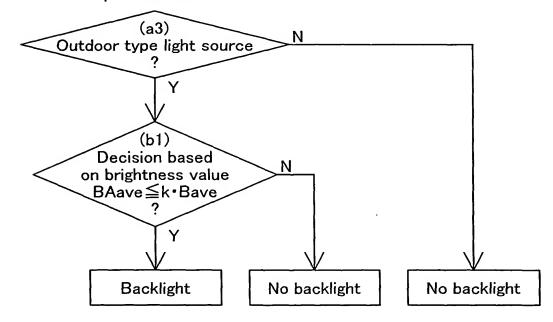


Fig.16(b)



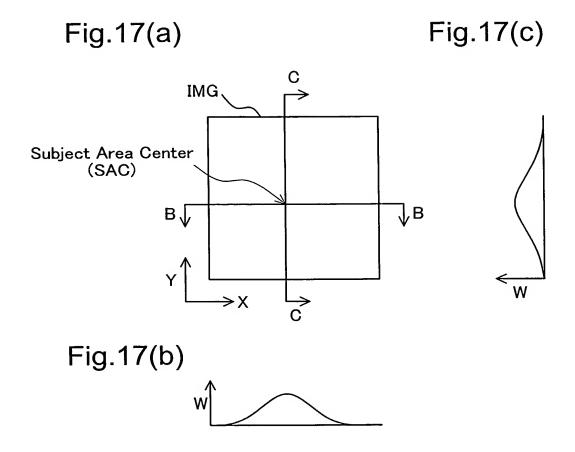


Fig.18(a)

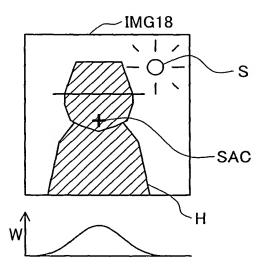


Fig.18(b)

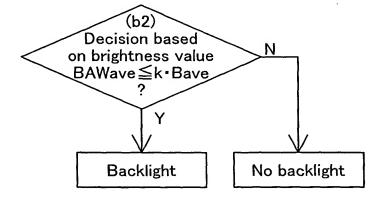


Fig.19(a)

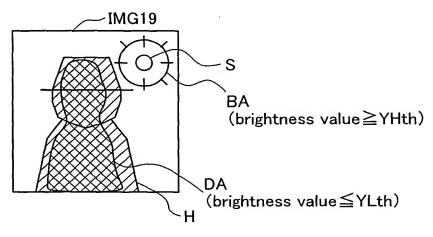


Fig.19(b)

Bratio: proportion of bright pixels (brightness value ≧ YHth)

Bth: bright pixel proportion threshold value

Dratio: proportion of dark pixels (brightness value ≤ YLth)

Dth: dark pixel proportion threshold value

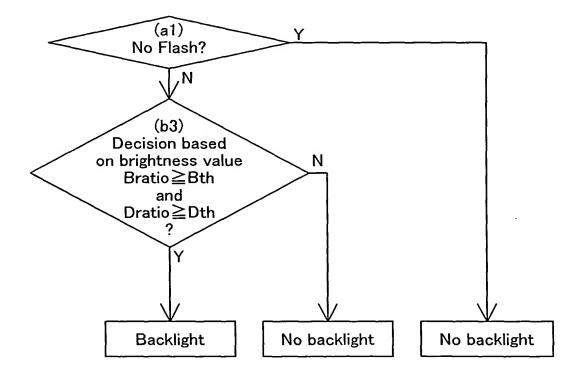
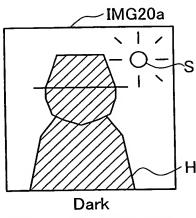
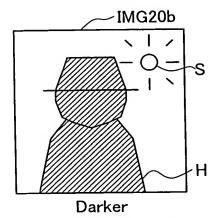


Fig.20(a)

Fig.20(b)

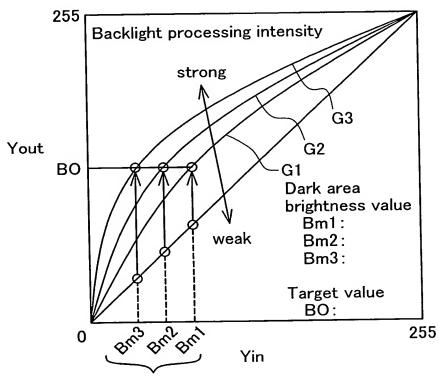


Dark area brightness value Bm: small



Dark area brightness value Bm: smaller

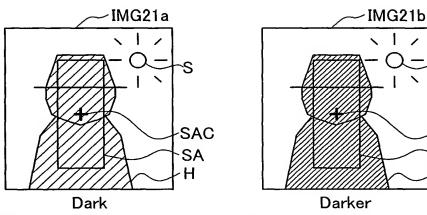
Fig.20(c)



Brightness adjustment benchmark level

Fig.21(a)

Fig.21(b)



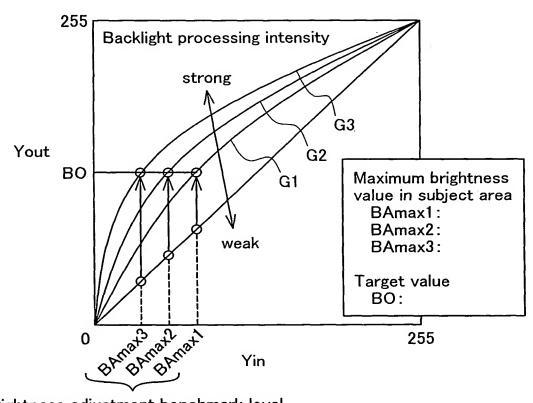
Maximum brightness value in subject area BAmax: small in subject area BAmax: smaller

Maximum brightness value

SAC

SA

Fig.21(c)



Brightness adjustment benchmark level

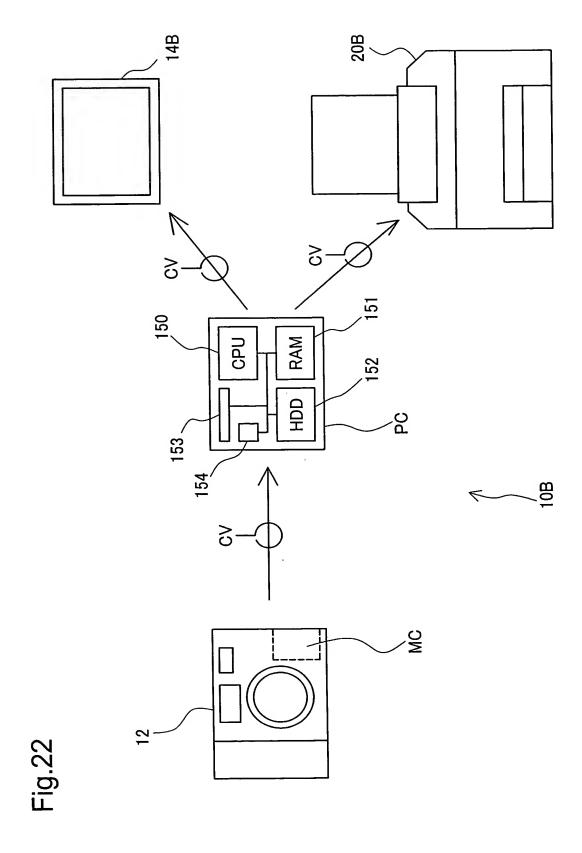


Fig.23

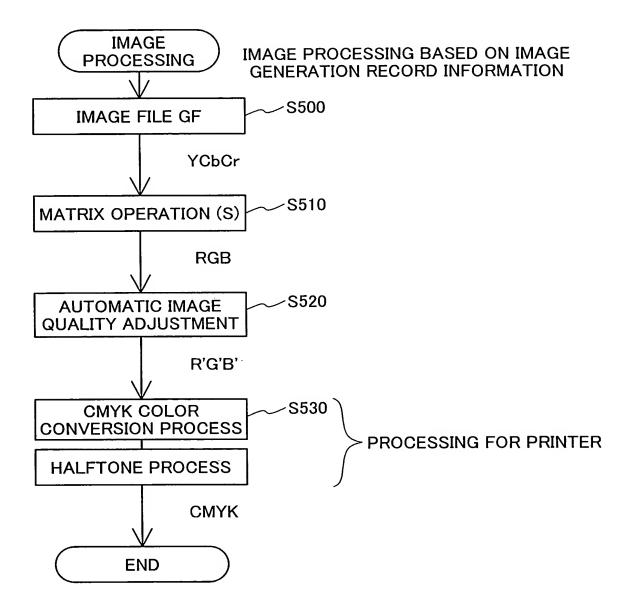


Fig.24

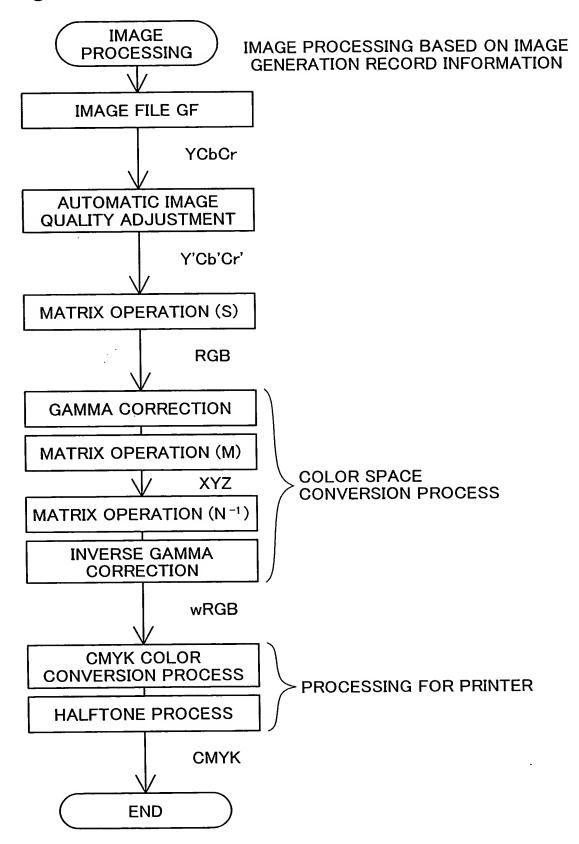


Fig.25

## IMAGE PROCESSING BASED ON IMAGE GENERATION RECORD INFORMATION

